

2631 #6  
15-02

**INFORMATION  
DISCLOSURE STATEMENT  
TRANSMITTAL**

To Commissioner For Patents

Enclosed herewith is a Form PTO-1449 and required copies of documents listed thereon and a concise explanation of their relevance is described below or enclosed herewith per 37 CFR 1.97.

|                        |                                     |
|------------------------|-------------------------------------|
| Applicant Number       | 10/023,194                          |
| Filing Date            | DECEMBER 18, 2001                   |
| First Named Inventor   | JOSEPHUS A. H. M.<br>KAHLMAN ET AL. |
| Group Art Unit         | 2631                                |
| Examiner Name          |                                     |
| Attorney Docket Number | NL 000711                           |



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These documents may be relevant in that they have been:

- ☐ considered in drafting the specification of the above referenced application;
- ☐ cited in the specification of the above-referenced application;
- ☐ previously submitted or cited in U.S. patent application(s) which are relied on for an earlier effective filing date under 35 U.S.C. 120 (no copy required); or
- ☒ cited as an "X" or "Y" document in a foreign Patent Office search report on a foreign counterpart application, a copy of which report is also enclosed;
- ☐ I hereby certify that these documents were first cited in any communication with a foreign Patent Office for a counterpart foreign application not more than three (3) months ago;
- ☐ otherwise a concise explanation of the relevance of each document is append hereto.
- ☐ I hereby certify that none of these documents were cited in any communication with a foreign Patent Office or were known to any individual designated in §1.56(c) more than three (3) months ago.

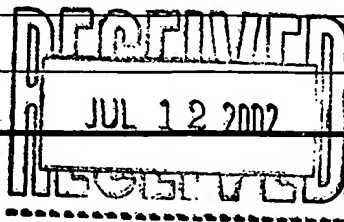
**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED**

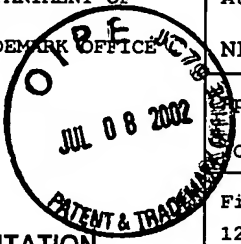
|                   |                        |                                   |        |
|-------------------|------------------------|-----------------------------------|--------|
| Name (Print Type) | Michael E. Belk        | Registration No. (Attorney/Agent) | 33,357 |
| Signature         | <i>Michael E. Belk</i> | Date                              | 7/1/02 |

**CERTIFICATE OF MAILING OR TRANSMISSION**

I hereby certify that this is being deposited with the U.S. Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner For Patents, Washington, DC 20231, or facsimile transmitted to the U.S. Patent and Trademark Office tel#: \_\_\_\_\_ on the date below:

|                   |                    |      |        |
|-------------------|--------------------|------|--------|
| Name (Print Type) | NOEMI CHAPA        | Date | 7/1/02 |
| Signature         | <i>Noemi Chapa</i> |      |        |



| Form PTO-1449<br>COMMERCE<br>(REV. 7-80)   |    | U.S. DEPARTMENT OF<br>PATENT AND TRADEMARK OFFICE   |   | Atty. Docket No.<br>NL 000711                 |   | Serial No.<br>10/023,194   |   |               |        |                 |                 |       |               |                           |    |
|--|----|---|---|---|---|--|---|---------------|--------|-----------------|-----------------|-------|---------------|---------------------------|----|
|   |    |   |   | Applicant<br>JOSEPHUS A. H. M. KAHLMAN ET AL. |   | <b>RECEIVED</b><br><b>JUL 11 2002</b><br><b>Technology Center 2600</b> |   |               |        |                 |                 |       |               |                           |    |
|  |    |   |   | Filing Date<br>12/18/01                       |   |  |   | Group<br>2631 |        |                 |                 |       |               |                           |    |
| <b>INFORMATION DISCLOSURE CITATION</b><br>(Use several sheets if necessary)  |    |   |   |   |   |  |   |               |        |                 |                 |       |               |                           |    |
| <b>U.S. PATENT DOCUMENTS</b>   |    |   |   |   |   |  |   |               |        |                 |                 |       |               |                           |    |
| Ex.<br>Int.  |    | Document<br>Number  |   |   |   |  |   |               |        | Date            | Name            | Class | Sub-<br>class | Filing Date<br>If Approp. |    |
|  | AA | 4   | 3 | 4   | 8 | 6  | 5 | 9             | 9/7/82 | FUJIMORI ET AL. | 340             |       | 347           |                           |    |
|  | AB |   |   |   |   |  |   |               |        |                 |                 |       |               |                           |    |
|  | AC |   |   |   |   |  |   |               |        |                 |                 |       |               |                           |    |
|  | AD |   |   |   |   |  |   |               |        |                 |                 |       |               |                           |    |
|  | AE |   |   |   |   |  |   |               |        |                 |                 |       |               |                           |    |
|  | AF |   |   |   |   |  |   |               |        |                 |                 |       |               |                           |    |
| <b>FOREIGN PATENT DOCUMENTS</b>  |    |   |   |   |   |  |   |               |        |                 |                 |       |               |                           |    |
|  |    | Document<br>Number  |   |   |   |  |   |               |        | Date            | Country         | Class | Sub-<br>class | Trans.                    |    |
|  |    |   |   |   |   |  |   |               |        |                 |                 |       |               | Yes                       | No |
|  | AG | W   | O | 9   | 7 | 3  | 4 | 3             | 9      | 18/9/97         | PCT (WORLD)     | H04L  | 25/49         |                           |    |
|  | AH |   |   |   |   |  |   |               |        |                 |                 |       |               |                           |    |
|  | AI |   |   |   |   |  |   |               |        |                 |                 |       |               |                           |    |
|  | AJ |   |   |   |   |  |   |               |        |                 |                 |       |               |                           |    |
|  | AK |   |   |   |   |  |   |               |        |                 |                 |       |               |                           |    |
| <b>OTHER (Including Author, Title, Date, Pertinent Pages, Etc.)</b>  |    |   |   |   |   |  |   |               |        |                 |                 |       |               |                           |    |
|  | AL | Bergmans : "Digital Baseband Transmission and Recording," 1996, Kluwer Academic Publ., US, Boston, page 204, paragraph 2            |   |   |   |  |   |               |        |                 |                 |       |               |                           |    |
|  | AM | Griffiths: "Binary Code Suitable For Line Transmission," Electronics Letter, IEE Stevenage, GB, vol. 5, no. 4, 20/2/69, pages 79-81 |   |   |   |  |   |               |        |                 |                 |       |               |                           |    |
|  | AN |   |   |   |   |  |   |               |        |                 |                 |       |               |                           |    |
| Examiner   |    |   |   |   |   |  |   |               |        |                 | Date Considered |       |               |                           |    |
| <b>*EXAMINER:</b> Initial if reference considered, whether or not citation is in conformance with MPEP 609;<br>Draw line through citation if not in conformance and not considered. Include a copy of<br>this form with next communication to applicant. |    |   |   |   |   |  |   |               |        |                 |                 |       |               |                           |    |